Contents

| Adam, H., s. Kotrschal, K., et al. | 365 | Kramer, J.J. De, Molen, L.G. Van Der: Development of la- | |
|--|------------|---|------------|
| Altner, H., Hintzpeter, U.: Reduction of sensory cells in an- | | bellar taste hairs in the blowfly, Calliphora vicina (Insecta, | 4 |
| tennal sensilla correlated with changes in feeding behavior in the beetle <i>Loricera pilicornis</i> (Insecta, Coleoptera, Cara- | | Diptera) | 1 |
| bidae) | 171 | silla on the funicle of <i>Calliphora erythrocephala</i> (Insecta, | |
| Alvarez-Uria, M., s. Menendez, A., et al | 304 | Diptera). I. The basiconical sensilla | 373 |
| Arad, Z., Midtgård, U.: Differences in the structure of the | | LaHaye, C.A., Holland, N.D.: Electron microscopic studies | |
| rete ophthalmicum among three breeds of domestic fowls, | | of the digestive tract and absorption from the gut lumen | |
| Gallus gallus f. domesticus (Aves) | 184 | of a feather star, Oligometra serripinna (Echinodermata) | 252 |
| Arias, J.L., s. Menendez, A., et al. | 304 | Lambert, A., Vos, L. De, Jangoux, M.: Functional morpho- | |
| Barth, F.G., Ficker, E., Federle, HU.: Model studies on | | logy of the pedicellariae of the asteroid Marthasterias gla- | 122 |
| the mechanical significance of grouping in compound spider slit sensilla (Chelicerata, Araneida) | 204 | cialis (Echinodermata) | 122 |
| Barth, F.G., s. Sasira Babu, K. | 344 | in Gnathostomulida | 360 |
| Behrens, W.: Larvenentwicklung und Metamorphose von | | Langenbruch, P.F.: Vergleichende rasterelektronenmikrosko- | 200 |
| Pycnogonum litorale (Chelicerata, Pantopoda) | 266 | pische Darstellung der Gemmulaschalen von Ephydatia | |
| Blest, A.D.: Secondary retinae of a primitive jumping spider, | | fluviatilis, E. muelleri und Spongilla fragilis (Porifera) | 79 |
| Yaginumanis (Arachnida, Araneida, Salticidae) | 223 | Laska, G., Hündgen, M.: Die Ultrastruktur des neuromusku- | |
| Braekevelt, C.R.: Electron microscopic observations on the | | lären Systems der Medusen von Tripedalia cystophora und | |
| retinal pigment epithelium and choroid in the domestic | 157 | Carybdea marsupialis (Coelenterata, Cubozoa) | 163 |
| pig (Sus scrofa) | 157 | Leise, E.M.: Chiton integument: Metamorphic changes in <i>Mopalia muscosa</i> (Mollusca, Polyplacophora) | 337 |
| statoiden Organe von <i>Polystyliphora filum</i> (Plathelmin- | | Liem, H., Schmidt, W., Honomichl, K.: Zwei Muskelrezepto- | 331 |
| thes, Proseriata) | 86 | ren an der Mandibel von Leuctra (Insecta, Plecoptera) | |
| Chia, FS., Koss, R.: Fine structure of the cephalic sensory | | - Beispiele für nicht-ciliäre Sinnesorgane mit Tubularkör- | |
| organ in the larva of the nudibranch Rostanga pulchra | | per-ähnlichen Strukturen | 239 |
| (Mollusca, Opisthobranchia, Nudibranchia) | 131 | Märkel, K., s. Mischor, B. | 42 |
| Clausnitzer, E., s. Fischlschweiger, W | 386 | Martens, E.E.: Ultrastructure of the spines in the copulatory | 264 |
| Emson, R.H., s. Wilkie, I.C., et al | 310 204 | organ of some Monocelididae (Turbellaria, Proseriata) | 261 197 |
| Ficker, E., s. Barth, F.G., et al. | 204 | Martin, G.G., s. Howard, D.R | 17/ |
| Fischlschweiger, W., Clausnitzer, E.: Bursa, bursa canal, and | 204 | ternal gills of the tadpole of Litoria ewingii (Anura, | |
| female antrum of Dugesia tigrina (Plathelminthes, Tricla- | | Hylidae) | 280 |
| dida) | 386 | Menendez, A., Arias, J.L., Tolivia, D., Alvarez-Uria, M.: Ul- | |
| Fishelson, L.: A comparative study of ridge-mazes on surface | | trastructure of gill epithelial cells of Diopatra neapolitana | |
| epithelial cell-membranes of fish scales (Pisces, Teleostei) | 231 . | (Annelida, Polychaeta) | 304 |
| Franzén, A.: Ultrastructure of spermatids and spermatozoa in the cyclostomatous bryozoan <i>Tubulipora</i> (Bryozoa, | | Midtgård, U.: Blood vessels and the occurrence of arteriove- nous anastomoses in cephalic heat loss areas of mallards, | |
| Cyclostomata) | 140 | Anas platyrhynchos (Aves) | 323 |
| Gnatzy, W., Schmidt, M., Römbke, J.: Are the funnel-canal | 140 | Midtgård, U., s. Arad, Z | |
| organs the "campaniform sensilla" of the shore crab Car- | | Mischor, B., Märkel, K.: Histology and regeneration of the | |
| cinus maenas (Crustacea, Decapoda)? I. Topography, ex- | | radula of Pomacea bridgesi (Gastropoda, Prosobranchia) | 42 |
| ternal structure and basic organization | 11 | Mladenov, P.V., s. Wilkie, I.C., et al | 310 |
| Hintzpeter, U., s. Altner, H | 171 | Molen, L.G. Van Der, s. Kramer, J.J. De | 1 |
| Holland, N.D., s. LaHaye, C.A. | 252 | Mothes-Wagner, U.: Fine structure of the cuticle and structu- | |
| Holmberg, K.: A transmission electron microscopic investiga- tion of the sensory vesicle in the brain of Oikopleura dioica | | ral changes occuring during moulting in the mite <i>Tetranychus urticae</i> . II. Moulting process (Chelicerata, | |
| (Appendicularia) | 298 | Acarina) | 105 |
| Honegger, T.G.: Ultrastructure of the adhesive tentacles of | | Munk, O.: Conus-like structure in the eye of the deep-sea | |
| the limnomedusa Vallentinia gabriella (Hydrozoa, Olin- | | teleost Radiicephalus elongatus (Pisces, Teleostei) | 180 |
| diadidae) | 26 | Nachtigall, W., s. Wisser, A | 188 |
| Honomichl, K., s. Liem, H., et al. | 239 | Pennachetti, C.A.: Functional morphology of the branchial | |
| Howard, D.R., Martin, G.G.: Fine structure of the eyes of | | basket of Ascidia paratropa (Tunicata, Ascidiacea) | 216 |
| the interstitial gastropod Fartulum orcutti (Gastropoda, Prosobranchia) | 197 | Peters, H.M.: The spinning apparatus of Uloboridae in rela- tion to the structure and construction of capture threads | |
| Hummon, M.R.: Reproduction and sexual development in | | (Arachnida, Araneida) | 96 |
| a freshwater gastrotrich. 1. Oogenesis of parthenogenic | | Römbke, J., s. Gnatzy, W., et al. | 11 |
| eggs (Gastrotricha) | | Sakker, E.R.: Sperm morphology, spermatogenesis and sper- | |
| Hündgen, M., s. Laska, G | 163 | miogenesis of three species of chitons (Mollusca, Polypla- | |
| Jangoux, M., s. Lambert, A., et al | 122 | cophora) | 111 |
| Keil, T.A.: Reconstruction and morphometry of silkmoth ol- | | Sasira Babu, K., Barth, F.G.: Neuroanatomy of the central | |
| factory hairs: A comparative study of sensilla trichodea | | nervous system of the wandering spider, Cupiennius salei | 344 |
| on the antennae of male Antheraea polyphemus and Antheraea pernyi (Insecta, Lepidoptera) | | (Arachnida, Araneida) | 11 |
| Koss, R., s. Chia, FS. | | Schmidt, W., s. Liem, H., et al. | |
| Kotrschal, K., Whitear, M., Adam, H.: Morphology and hi- | | Smith, D.G., s. McIndoe, R. | |
| stology of the anterior dorsal fin of Gaidropsarus mediter- | | Snipes, R.L.: Anatomy of the cecum of the West Indian ma- | |
| raneus (Pisces Teleostei), a specialized sensory organ | 365 | natee, Trichechus manatus (Mammalia, Sirenia) | 67 |

| Sopott-Ehlers, B.: Epidermale Collar-Receptoren der Nema- toplanidae und Polystyliphoridae (Plathelminthes, Ungui- | | Whitear, M., s. Kotrschal, K., et al. Wilkie, I.C., Emson, R.H., Mladenov, P.V.: Morphological | |
|---|-----|--|-----|
| phora) | 226 | and mechanical aspects of fission in Ophiocomella ophiac- | |
| Tolivia, D., s. Menendez, A., et al | 304 | toides (Echinodermata, Ophiuroida) | 310 |
| Vos, L. De, s. Lambert, A., et al | 122 | Wisser, A., Nachtigall, W.: Functional-morphological investi- | |
| Wägele, H.: Kiemen und Hämolymphkreislauf von Phyllidia | | gations in the flight muscles and their insertion points | |
| pulitzeri (Gastropoda, Opisthobranchia, Doridacea) | 246 | in the blowfly Calliphora erythrocephala (Insecta, | |
| Weissenfels, N.: Bau und Funktion des Süßwasserschwamms | | Diptera) | 188 |
| Ephydatia fluviatilis (Porifera). XI. Nachweis einer endo- | | Xylander, W.E.R.: A presumptive ciliary photoreceptor in | |
| genen Kontraktionsrhythmik durch Infrarot-Reflexion | 292 | larval Gyrocotyle urna Grube and Wagener (Cestoda) | 21 |

